

1 11/10-03

ACCESSION NR. AP0001210

Manufactured by TESLA which were used in the measurements described in this

temperature and time stability, and higher values than GT-cut crystals.

ASSOCIATION: Elektrokemika, n.p. Hradec Kralove (Hradec Kralove Institute of
LAWRENCE-BERKELEY

SUBMITTED: 26Jan63

DATE ACQ: 31May63

EMCL: 02

NOV 1964 IN

NOV 1964 NOV 1964

OTHER: 101

Card 3/10

ZELENKA, Jiri, ing.

DKT piezoelectric resonators for broad-band crystal filters.
Sdel tech ll no. 12: 450-451 D '63.

L 1360-66 EWP(w)/ETC(m) WW/EM
ACCESSION NR: AP5024354

CZ/0037/64/000/005/0415/0418

AUTHOR: Zelenka, Jiri

TITLE: Free vibrations of anisotropic rectangular plates

SOURCE: Ceskoslovensky casopis pro fysiku, no. 5, 1964, 415-418

TOPIC TAGS: piezoelectric crystal, quartz, free oscillation, resonator, structure vibration, anisotropic medium aerospace structure

ABSTRACT: Relations for the resonance frequencies of contour extensional vibrations of piezoelectric quartz resonators in the form of rectangular plates are calculated and experimentally verified from the approximate solution of free vibrations of finite anisotropic bodies published by Ekstein. Orig. art. has: 2 figures, 11 formulas, 1 table.

ASSOCIATION: Elektrokeramika, n.p., Hradec Kralove

SUBMITTED: 26Feb64

ENCL: 00

SUB CODE: AS, SS

NR REF SOV: 000

OTHER: 004

JPRS

Card 1/1

L 21593-66

ACC NR: AF6010943

SOURCE CODE: CZ/0014/65/000/005/0165/0167

AUTHOR: Zelenka, Jiri (Engineer; Candidate of sciences)

ORG: none

TITLE: Piezoelectric unit for frequency and time standards

SOURCE: Sdelovaci technika, no. 5, 1965, 165-167

TOPIC TAGS: piezoelectric crystal, electronic component

ABSTRACT: The article gives the characteristics of a new crystal unit, the
90 01 400 (for 100 kc). Orig. art. has: 12 figures, 3 formulas, and 1 table. [JPRS]

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 004

dlk
Card 1/1

L 10473-66 EWP(a)/EWP(b) WH

ACC NR: AP6003699

SOURCE CODE: CZ/0039/65/026/001/0031/0036

AUTHOR: Zelenka, Jiri--Zelenka, Y. (Engineer, Candidate of sciences)

ORG: Electroceramics, Hradec Kralove (Elektrokeramika, n. p.)

TITLE: Important parameters of differently oriented quartz resonators of the NT type

SOURCE: Slaboprudy obzor, v. 26, no. 1, 1965, 31-36

TOPIC TAGS: piezoelectric crystal, quartz, resonator, crystal orientation

ABSTRACT:

Piezoelectric quartz resonators of the NT type are used in the frequency range of 10 to 70 kc. The basic parameters of the resonators depend on the accurate orientation of the crystals. Partial results are presented from studying the influence of crystal orientation on the temperature dependence of the resonance frequency, on the inductivity, and on the ratio of the series and parallel capacitances in the electrical equivalent circuit of NT resonators that have an orientation $X\theta 1_{\psi}$ when $\psi = 0$ to $+8.5^\circ$ and $\psi = 0$ to 160° . Orig. art. has: 13 figures, 26 formulas, and 1 table. [JPRS]

SUB CODE: 20 / SUBM DATE: 06Jun64 / ORIG REF: 003 / OTH REF: 007

HW
Card 1/1

UDC: 621.396.611.21:549

ZELENKA, Jiri, inz. CSc.

Principal parameters of differently oriented NT quartz resonators.
Slabcproudy obzor 26 no.1:31-36 Ja '65.

1. Elektrokeramika National Enterprise, Hradec Kralove.
Submitted June 6, 1964.

L 41783-66 EWP(e) JAJ/WH
 ACC NR: AP6031675 SOURCE CODE: CZ/0042/66/000/003/0161/0167

AUTHOR: Hruska, Karel (Graduate physicist; Candidate of sciences; Special assistant);
Tichy, Jan (Docent; Doctor); Zelenka, Jan (Engineer; Candidate of sciences) 55
 B

ORG: [Hruska] Department of Physics, Faculty of Sciences, University of Khartoum,
 Sudan; [Tichy] Department of Physics, Technical Institute of Machinery and Textiles,
 Liberec (Vysoka skola strojni a textilni, Katedra fyziky); [Zelenka] Tesla Hradec
 Kralove, n.p., Hradec Kralove

TITLE: Influence of the DC electrical field on the resonance frequency of DKT
 piezoelectric resonators

SOURCE: Elektrotechnicky casopis, no. 3, 1966, 161-167

TOPIC TAGS: piezoelectric crystal, electric field, direct current

ABSTRACT: Just as in the case of quartz piezoelectric resonators it was observed
 with DKT resonators that the DC electrical field influences their resonance frequency.
 The temperature dependence of that influence was investigated. From experimental
 measurements the components g_{241} and g_{341} of the polarization correction tensor of
 the elastic coefficients were calculated for DKT and proved to be more than order
 larger than the corresponding known components of natural quartz. This paper was
 presented by K. Cernik. The authors thank workers of Department of Physics,
 B. Kantur and Scientific Aspirant, Engineer K. Dadour for assistance with the
 measurements and calculations. Orig. art. has: 1 figure, 8 formulas and 2 tables.
 [Based on authors' Eng. abstr.] [JPRS: 36,644]

SUB CODE: 09 / SUBM DATE: 15Jun65 / ORIG REF: 012 / OTH REF: 003
 Card 1/1 0919 0275

ZEJENKA, J., inz.; JANICEK, J.

Measurement of the operating stress on bucket cranes and
the lower part of 800/IV excavators. Zpravoda Ust uhil
Most no.3/5:36-89 '62.

1. Vyzkumny ustav pro hnado uhil, Most.

ZELENKA, Jiri, inz.

The Oszillophot apparatus raises the labor productivity in laboratories. Sdel tech 12 no.9:348-349 S '64.

ZELENKA, J.

Suggestions concerning the rationalization of the use of word in Czechoslovakia.

p. 350

Vol. 5, no. 8, 1955

ZA SOCIALISTICKOU VEDU A TECHNIKU

Praha, Czechoslovakia

Source: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 2
February 1956, Uncl.

ZELENKA, J.

Kruc, R.; Zelenka, J.; Kuvetny, J.

Internal transportation in factories. P. 535

SO: East European Accessions List, Vol. 3, No. 9, Sept. 1954, Lib. of Congress

ZELENKA, J

GOSTOF, R; HOMOLKA, J; ZELENKA, J.

Pelentan substances in breast milk and their paradox effect
on prothrombin. Pediat. listy 5 no.4:225-227 July-Aug. 1950.
(CIML 20:1)

1. Of the First Clinic of Prof. Svejcar in Prague.

ZELENKA, J.; KUCEROVA, M.; MYDLIL, V.

Treatment of grave pneumonia in child with chloromycetin. *Pediat. listy*
6 no.1: Jan-Feb 51. (CML 20:7)

1. Of the First Children's Clinic of Prof. Svejcar in Prague.

ZELENKA, J., Dr.; ERHARTOVA, M., Dr.; PIKARTOVA, H., Dr.

Pneumonia due to influenza in infants and children in Spring 1953 at the pediatric department of OUNZ Cheb. Pediat. listy, Praha 9 no.5: 261-263 Sept-Oct 54.

1. Z detsko-kojeneckeho odd. OUNZ Cheb, primar MUDr Jara Zelenka
(PNEUMONIA, in infant and child
caused by influenza, statist. in Czech.)
(INFLUENZA, in infant and child
causing pneumonia, in Czech., statist.)

ZELENKA, J. Dr.

ZELENKA, J., Dr; SPANINCOVA, V., Dr; PATEJDLOVA, M., Dr

Toxic dyspepsias in children with antromastoiditis confirmed
by antrobony. Pediat. listy 9 no.2:98-100 Ap '54.

1. Z detsko-kojeneckeho oddeleni OUNZ Cheb, primar MUDr Jiri
Zelenka.

(MATOIDITIS, in infant and child,

*in toxic dyspepsias)

(INFANT NUTRITION DISORDERS,

*toxic dyspepsia with mastoiditis)

STANINGOVA, V. MUDr.; ZELENA, J. MUDr.

Care of premature infants of the lowest birth weight group.
Gesk. pediat. 11 no.1:41-46 Feb. 56.

1. Z krajskeho oddeleni pro nedonosena pro kraj Karlovy Vary pri
OUNZ Cheb, primar MUDr Jiri Zelenka, ordinar MUDr Vera Stanincova,
(INFANT, PREMATURE
care of lowest birth weight group)

ZELENKA, J., dr.; STANINCOVA, V., dr.; PIKARTOVA, H., dr.

A system in premature infant care in the district hospital at
Cheb. Cesk.pediat. 11 no.2-3:170-176 Mar 56.

1. Z krajskeho oddeleni pro nedonosene pri QUMZ Cheb. primar
MUDr Jiri Zelenka, ordinar MUDr Vera Stanincova.
(INFANT, PREMATURE
care, system)

~~ZELENKA, J., dr.; KUDELA, A., dr.; STANINCOVA, V., dr.~~

Cutaneous moniliasis in infants. Cesk. pediat. 11 no.2-3:176-180 Mar 56.

1. Z detskokojeneckeho odd. OUNZ Cheb. primar MUDr Jiri Zelenka,
z kozniho odd. OUNZ Cheb. primar MUDr Adolf Kudela.

(MONILIASIS

skin, in inf.)

(SKIN, dis.

moniliasis, in inf.)

ZELENSKA, Jiri, MUDr.; KOPPL, J., MUDr.; NAJEMNIK, Dr.; STAREK, Dr.

Polymyxin and erythromycin in pediatric practice. Cesk. pediat.
11 no.4:297-302 Apr 56.

1. Z detsko-koj. odd. OUNZ v Chebu, primar MUDr. Jiri Zelenka,
z Karlovy Vary, primar MUDr. J. Koppl.

(ERYTHROMYCIN, therapeutic use,
pediatric dis. (Cz))

(ANTIBIOTICS, therapeutic use,
polymyxin in pediatric dis. (Cz))

(PEDIATRIC DISEASES, therapy.
erythromycin & polymyxin. (Cz))

EXCERPTA MEDICA Sec 7 Vol 10/8 Pediatrics Aug 56

1502. ZELENKA J. and ČAPEK V. Dětsk. Odd. OÚNZ, Cheb. *Pseudocoeliakální syndrom u TBC střev batolete 18 měsíců starého. Pseudocoeliac syndrome in an intestinal tb process in an 18-month-old child CSL, PEDIAT. 1955, 10/9 (701-706) Graphs 1 illus. 2

The tb infection of the intestine of an 18-month-old child is described, where both medical history and clinical state gave the impression, from the beginning, of a coeliac syndrome. From the history, the first characteristic coeliac stools occurred at the age of 13 months, accompanied by loss of weight (4,000 g), loss of ability to walk and profound change in the behaviour of the child. On admission at 19 months, the child manifested the typical clinical symptoms of coeliac disease, that is, extreme wasting, abdominal distension, clinical evidence of vitamin- and mineral-deficiencies, marked anorexia, bursts of temper alternating with periods of great timidity. But the normal blood sugar curve in the glucose tolerance test, normal blood level of cholesterol and serum protein, positive tuberculin reactions and the roentgenogram of caecum ascendens revealed changes typical of tb enterocolitis (portio-phenomenon). Very probably it was a primary tb from drinking un-boiled cow's milk. With streptomycin and PAS the child recovered in 10 weeks. Control examination 1 yr after dismissal showed a healthy child with a quite asymptomatic stenosis of caecum.

Zelenka - Cheb

ZELENIKA, J.; SYROVA, E.; SYROVY, J.

Care of premature infants with very low birth weights; clinical studies. Cas. lek. cesk. 96 no.24-25:781-785 21 June 57.

1. Krajske oddeleni pro nedonošene deti pri OÚMZ Cheb, prednosta prim. MUDr. J. Zelenka. J.Z. Cheb, Brandlova 15.

(INFANT, PREMATURE

care of inf. with very low birth weights, statist.
(Cz))

JETEL, M.; ZELEENKA, J.

Comprehensive examinations of children attending special schools. Cesk.
psychiat. 54 no.6:355-363 Dec 58.

1. Detsko-kojenecke oddeleni OUNZ Cheb.

(PSYCHOLOGICAL TESTS

comprehensive exam. of child. attending special schools
(Gz))

(CHILD.

same)

ZELENKA, J.; JETEL, M.

Contribution to the treatment of bronchopneumonia in infants; use of chlorpromazine; clinical study. Cas. lek. cesk. 98 no.12:367-371 20 Mar 59.

1. Detske oddeleni Cheb, prim. MUDr. J. Zelenka. J. Z., Cheb, Brandlova 15, M.J., Cheb, OUNZ, Krale Jiriho 17.

(PNEUMONIA, in inf. & child
ther., chlorpromazine (Cz))

(CHLORPROMAZINE, ther. use
pneumonia in inf. (Cz))

ZELENKA, J.; JETEL, M.; POKORNY, A.

Examination of 383 six-year-old children before school admission using a polyclinic method. Cesk. pediat. 14 no.4:374-378 5 Apr 59.

1. Detsko-kujenecke oddeleni OUNZ Cheb, prim. MUDr. Jiri Zelenka. J. Z. Cheb, Brandlova 15.

(PEDIATRIC DISEASES, statist.

mass survey of 6-year-old child, before admission to school (Cz))

(PHYSICAL EXAMINATION,

polyclinic method of mass exam. of child. before admission to school (Cz))

ZELENKA, J.; JETEL, M.

The concept and functioning of school health services in the Cheb district. Cesk. pediat. 14 no.7:662-670 July 59.

1. Detske oddeleni OUNZ Cheb.
(SCHOOL HEALTH)

ZELINKA, Jaroslav

Healed osteomyelitis of the frontal and parietal bones as a complication of acute suppurative otitis media. Cesk. otolar. 9 no.3:162-165 Jo '60.

1. ORL klinika LFH KU v Praze XII, prednosta prof. dr. V. Hlavacek.
(OTITIS MEDIA compl.)
(FRONTAL BONE dis.)
(PARIETAL BONES dis.)
(OSTEOMYELITIS etiol.)

ZELENKA, J.; JETEL, M.; JILKOVA, B.; POSPISIL, J.

Clinical experience with administration of tablets of V-penicillin for pneumonia and angina in children. Cesk.pediat.16 no.1:26-31 Ja '61.

1. Detske oddeleni OUMZ v Chebu, primar MUDr. Jiri Zelenka.
(PENICILLIN ther)
(PNEUMONIA in inf & child)
(TONSILLITIS ther)

POSPISIL, J.; JILKOVA, B.; ZELENSKA, J.; JETEL, M.

Studies on the blood penicillin level in infants and children after the administration of a single dose of phenoxymethylpenicillin and its potassium salts. Cesk.pediat.16 no.2:122-127 F '61.

1. Datske oddeleni QUNZ v Chebu, prednosta MUDr. Jiri Zelenka.
(PENICILLIN blood)

MELICHAR, V.; ZELENKA, J.; SYROVA, E.

On care, growth and further development of premature infants weighing at birth 1000 g or less. Cesk. pediat. 16 no.10:890-897 0 '61.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel doc. MUDr. Miroslav Vojta, vedouci pediatrickeho sektoru primar MUDr. Karel Polacek
Krajske odd. pro nedonosene deti pri OUNZ v Chebu, primar MUDr. J. Zelenka.

(INFANT PREMATURE)

ZELENKA, J.; SLANINOVA, B.

Changes in labyrinth function due to aging. Cesk. otolaryng.
13 no.1:21-26 F'64.

1. Otolaryngologická klinika lékařské fakulty hygienické KU
v Praze; přednosta: MUDr. Vl. Hlaváček, DrSc.

*

ZELENKA, Jozef; KRALIK, Frantisek

Problem of fluorescent excitation in quantitative primary spectral
X-ray analysis. Mat fyz cas SAV 14 no. 2:142-149 '64.

1. Laboratory of Metal Physics, Slovak Academy of Sciences,
Bratislava, ul. Febr. vitazstva 315.

KOZAK, P.; ZELENKA, J.

Disorders in the blood supply of the inner ear as a frequent complication of diabetic angiopathy. Cas.lek.cesk. 103 no.13: 3340337 27 Mr'64

1. I.klinika nemoci vnitřních lékařské fakulty hygienické KU v Praze: (Prednosta: prof.dr. V.Jonas) a Otolaryngologická klinika lékařské fakulty hygienické KU v Praze (prednosta: prof. dr. V.Hlavacek).

*

ZELENKA, J., MUDr.,; TOMES, D.; NEPUSTIL, B.; JILKOVA, B.

Possible toxic effects of neomycin administered orally in
infantile diarrhea. Cesk. pediat. 20 no.6:538-541 Ja'65.

1. Detske oddeleni Obvodniho ustavu narodniho zdravi v Chebu
(vedouci: MUDr. J. Zelenka) a Klinika chorob krcnich, usnich
a nosnich lekarske fakulty University Karlovy v Plzni (pred-
nosta: prof. dr. F. Kotyza).

ZELENIKA, J.; SYROVY, J.; JILKOVA, D.

Colimycin--a new antibiotic. Cesk. pediat. 20 no.9:814-816 S '65.

1. Detske oddeleni nemocnice a poliklinikou v Chebu (vedouci MUDr. J. Zelenka) a Detske oddeleni nemocnice a poliklinikou v Moravske Trebove (vedouci J. Syrovy, prom. detsky lekar).

ZELENKA, Jaroslav; JANDA, Vladimir

Cervicovestibular syndrome. Cesk. otolar. 8 no.6:325-333 D '59.

1. Otolaryngologicka klinika lekarske hygienicke fakulty KU v
Praze 12, prednosta prof. MUDr. Vl. Hlavacek. Neurologicka klinika
lekarske hygienicke fakulty KU v Praze 12, prednosta prof. MUDr.
J. Sebek.

(VESTIBULAR APPARATUS dis.)

(SPINE dis.)

ZELENKA, Jaroslav

The effect of the vegetative nervous system on the activity of the vestibular apparatus. Cesk. otolar 10 no.5:257-266 0 '61.

1. Otolaryngologicka klinika lekarske fakulty hygienicke fakulty v Praze 10, prednosta prof. MUDr. Hlavacek.

(AUTONOMIC NERVOUS SYSTEM physiol)
(VESTIBULAR APPARATUS physiol)

ZELENKA, J.; KOZAK, P.

Vestibular findings in hypertension and arteriosclerosis,
Cesk. otolaryng. 12 no.2:112-117 Mr '63.

1. Otolaryngologická klinika hygienické fakulty KU v Praze,
prednosta prof. dr. Vl. Hlavacek I interni klinika hygienické
fakulty KU v Praze, prednosta prof. dr. V. Jonas.
(VESTIBULAR FUNCTION TESTS) (HYPERTENSION)
(ARTERIOSCLEROSIS)

ZELENYKA, J.

" Internal Transportation in Factories." p. 535, Praha, Vol. 3, No. 7, July 1953.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

45384

S/081/63/000/002/072/088
B149/B144

11.0140

AUTHORS: Vytřens, Miroslav, Zelenka, Josef, Vorel, Ladislav
TITLE: Properties of diesel fuels at low temperatures
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 465-466,
abstract 2P159 (Ropa a uhlí, v.4, no.5, 1962, 145-149 [Czech,
summaries in Russ., Fr., Eng., and Ger.]

TEXT: The properties at low temperatures of four diesel fuels (with b.p. 170-340°C) manufactured in Czechoslovakia were investigated, as well as the influence on these properties of the following depressors: AZNIA ГОСТ 8443-57 (GOST 8443-57), Fluxan E (Badische Anilin u. Soda Fabrik, FRG), and Santopour (Monsanto, England). The laboratory tests performed included: pour point, crystallization point, the temperature of paraffin separation (TPS), extreme temperature of filtration (ETF) according to DIN 51570, and viscosity between 0° and -35°C, at 5°C intervals. Low-temperature properties of the fuels were evaluated according to the ETF determined during the test in a Tatra-928 motor in a cooling chamber; the temperature was lowered stepwise by 5°C until it

Card 1/2

Properties of diesel fuels at ...

S/081/63/000/002/072/088
B149/B144

caused unsatisfactory results; the lowest temperature at which the results were still satisfactory was taken as the ETF. The addition to the fuels of depressors lowered the pour point (from 5° to 15° C) and slightly increased the viscosity, but practically did not affect the crystallization point, TPS, ETF according to DIN 51700, or the results of motor tests. The pour point does not correspond to the ETF in the motor test, and the difference between ETF in the motor and the pour point varies from fuel to fuel; the crystallization point and ETF according to DIN 51770 are closer to ETF in a motor test, and TPS corresponds well to it. The results obtained (fuel, pour point in °C, ETF according to DIN 51770 in °C, TPS in °C, ETF in the motor in °C) are listed as follows: hydrated NM-30, -34, -23, -24, -25; hydrated NM-30 + 0.2% of AZNIA additive -43, -26, -24, -25; NM-30 distillate from a mixture of Romashkino and Mukhanovskaya crudes, -39, -26, -33, -35; the same + 0.2% of AZNIA additive -43, -28, -32, -35; NM-30 (a mixture of 70% of Anastas'yevka petroleum distillate and 30% of Saratov distillate) -50, -28, -26, -25. It was also found that the addition of Saratov petroleum distillate considerably impaired the low-temperature properties of Anastas'yevka petroleum distillate. [Abstracter's note: Complete translation.]

Card 2/2

VYTRENS, Miroslav; ZELENKA, Josef; VOREL, Ladislav

Low-temperature and starting properties of some automobile motor oils. Ropa a uhlie 6 no. 4: 112-115
Ap '64.

1. Vyzkumne a zkusebni stredisko 150 a 080, Prague.

ZELENKA, L.

"The rebound crushing of rocks; classification of the product." p. 205.

SILIKATY. (CESKOSLOVENSKA VEDECKA TECHNICKA SPOLECNOST PRO PRUMYSL SILIKATU PRI
CESKOSLOVENSKÉ AKADEMII VED). Praha, Czechoslovakia, Vol. 3, no. 3, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

ZELENKA LAJOS

Hungary/Pharmacology. Toxicology. Cardio-Vascular Drugs. V-5

Abs Jour : Ref Zhur-Biol., No 6, 1958, 28080.

Author : Gabor Miklos, Zelenka Lajos.

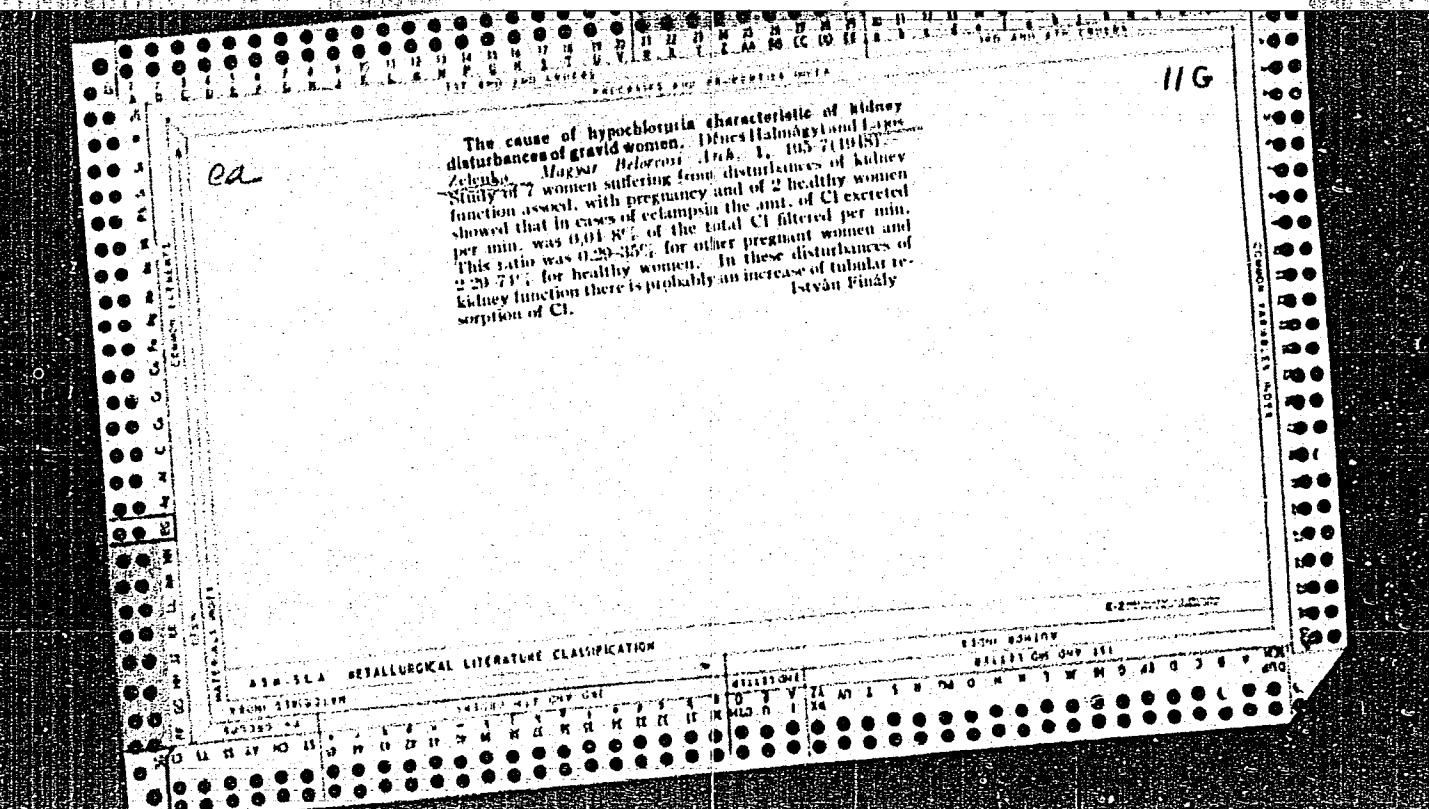
Inst : Not given.

Title : A Study of the Oxytocytic Action of Strophantin
on the Human Uterus.

Orig Pub : Magyar noorv. lapja, 1957, 20, No 2, 118-120

Abstract : No abstract.

Card 1/1



ZELENKA, Lajos, dr.

Simple apparatus for peridural anesthesia. Orv. hetil. 95 no.51:
1415-1416 19 Dec 54.

1. A Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati
Klinikájának (igazgató: Batizfalvy János egyet. tanár) közleménye.
(ANESTHESIA, SPINAL
peridural, simple appar.)

GABOR MIKLOS, Dr.; ZELENKA, LAJOS, Dr.

Studies on the uterus contractive effects of strophanthin on isolated human uterus. Magv. noorv. lap. 22 no.2:118-120 May 57.

1. A Szegedi Orvostudományegyetem Szülészeti és Nőgyógyászati Klinikája közlemnye (Igazgató Batizfalvy János dr. egyetemi tanár)

(STROPHANTHIN, eff.

on uterus, contractive eff. on isolated human uterus (Hun))

(UTERUS, eff. of drugs on

strophanthin, contractive eff. on isolated human uterus (Hun))

ZELENYKA, Lajos, Dr.

Contraception. Orv. hetil. 99 no.14:453-460 6 Apr 58.

1. A Szegedi Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinikájának (Igazgató: Batizfalvy János dr. egyet. tanár) közleménye.

(CONTRACEPTION

value of present methods & future possibilities (Hun))

ZELENKA, L., dr.

On the use of a Hungarian synthetic oxytocin in obstetrics. Ther.
hung. 9 no.1/2:23-26 '61.

1. Aus der Geburtshilflich-Gynakologischen Universitätsklinik
(Direktor: Prof. Dr. E. Szontagh), Szeged.
(OXYTOCIN) (LABOR, INDUCED)

ZELENKA, Lajos, dr.

Use of a Hungarian synthetic oxytocin preparation in obstetric
practice, Orv. hetil. 102 no. 22:1027-1030 28 My '61.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati Klinika.

(OXYTOCIN ther) (DYSTOCIA ther)
(PREGNANCY TOXEMIAS ther)

ZELENKA, Lajos, dr.; SZEREDAY, Zoltan, dr.; SZONTAGH, Ferenc, dr.

A new simple contraceptive device. (Preliminary report).
Orv. hetil. 106 no.41:1946-1947 10 0 '65.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati
Klinika (igazgató: Szontagh, Ferenc, dr.).

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964230001-5

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964230001-5"

ZELENKA, Laszlo

C/1962

1964

radiotech

DECEASED

ZELENKA, M.

SURNAME (in caps); Given Names

Country: Czechoslovakia

(3)

Academic Degrees: [not given]

Affiliation: Research Institute of Tuberculosis (Vyzkumny ustav tuberkulozy),
Prague; Director (Reditel): Doc Dr R Krivinka

Source: Prague, Rozhledy v Tuberkuloze a v Nemocich Plicnich,
Vol XXI, No 7, August 1961, pp 508-520

Data: "Treatment Results Obtained So Far in Patients Excreting
Myco-tb Resistant to INH-STM-PAS or INH-STM."

Authors:

JANCIK, E
ZELENKA, M

102

ZELENKA, M.

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: [not given]
Research Institute of Tuberculosis (Vyzkumny ustav tuberkulozy),
Affiliation: Prague; Director (Reditel): Doc Dr R Krivinka

Courses: Prague, Rozhledy v Tuberkulose a v Nemocich Plonich,
Vol XXI, No 7, August 1961, pp 508-520

Data: "Treatment Results Obtained So Far in Patients Excreting
Myco-tb Resistant to INH-STM-PAS or INH-STM."

Authors:

JANGIK, E
ZELENKA, M

231

YANCHIK, E. [Janaik, E.]; ZELENIKA, M.

Results of treating patients excreting *Mycobacterium tuberculosis*
resistant to isoniazid, streptomycin and PASK. Probl.tub. no.8:28-
34 '61. (MIRA 15:5)

1. Iz Instituta tuberkuleza v Prage (dir. - dotsent R. Krzhivinka).
(TUBERCULOSIS)

3

CZECHOSLOVAKIA

ZELENKA, M; JANCIK, E., Prof. Dr., DrSc; TOUSEK, J; REIL, I.

1. Research Institute of Tuberculosis (Vyzkumny ustav tuberkulozy), Prague; 2. Clinical Ward VUT (Klinicke oddeleni VUT), Prague (for Jancik); 3. Clinic of Tuberculosis UDL (Klinika tuberkulozy UDL), Prague

Prague, Rozhlady v tuberkulose, No 8, 1963, pp 535-540

"Clinical Significance of Mycobacterial Resistance Against So-called Low and High Concentration of INH."

CZECHOSLOVAKIA

JANCIK, E., Prof. Dr., DrSc; TOUSEK, J; MAKOVA, M; ZELENKA, M.

1. Clinical Ward VUT (Klinicke oddeleni VUT), Prague (for Jancik; 2. Clinic of Tuberculosis UDL (Klinika tuberkulozy UDL, Prague

Prague, Rozhledy v tuberkulose, No 8, 1963, pp 523-534

"Research on the Effect of INH with Heterocyclic Tiosemi-carbazone in Comparison with INH + PAS in a New Case of Tuberculosis."

ZELENKA, M.; RUML, L.

New CKD mining machines. p. 314.

UHLI. (Ministerstvo paliv) Praha, Czechoslovakia. Vol. 1, no. 9,
September 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

ZELENKA, M. ; RUML, L.

CKD mining machinery. p. 212.

RUDY. (Ministerstvo hutního průmyslu a rudných dolů) Praha, Czechoslovakia,
Vol. 7, No. 6, June 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

(Handwritten mark)

Pigments. Pal Zelenka. Hung. 107,040, Jan. 2, 1934.
Melted metal or alloy is sprayed under pressure against a
heated gas or air current (or, if desired, in the same di-
rection as the current). The heat of the current vaporizes
the metals and the vapors are oxidized by some method.

A 58-56 A METALLURGICAL LITERATURE CLASSIFICATION

ZELENKA, Oldrich

Tectonics of the coal-bearing Tertiary in the Teplice-Osek area
near Duchcov. Cas min geol 9 no.3:267-271 '64.

1. Association of the North Bohemian Lignite Mines, Most.

CZECHOSLOVAKIA

ZELENKA, O.

SHD Association (Sdruzeni SHD), Most

Prague, Casopis pro mineralogii a geologii, No 3, 1964, pp
267-270

"Tectonics of the Coal-Bearing Tertiary in the Teplice-Osek
Area near Duchcov."

CZECHOSLOVAKIA

ZELENKA, O; POLICKY, J.

1. Association SHD (Sdruzeni SHD), Most; 2. Higher Institute of Balneology (Vysoka skola banska), Ostrava

Prague, Casopis pro mineralogii a geologii, No 4, 1964, pp 413-419

"Sandy Sediments Overlying the Brown Coal Seam in the North Bohemian Basin in the Environs of Teplice."

YUGOSLAVIA / Microbiology. Microbes Pathogenic for Man
and Animals. Bacteria. Anaerobic Bacilli.

F

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24099

Author : Zaharija, I.; Zelenka, P.

Inst : Not given

Title : Bovine Enterotoxemia Induced by Cl. perfringens

Orig Pub : Veterin. arh., 1958, 28, No 1-2, 17-22

Abstract : 2 cases of a disease of cows with characteristic symptoms of enterotoxemia are described. After the death of animals, Clostridium perfringens type A and Cl. septicum in one cow and a pure culture of Cl. perfringens type A in the other were isolated from the spleen. The authors assume that Cl. septicum penetrated into the spleen after the

Card 1/2

- YUGOSLAVIA / Microbiology. Microbes Pathogenic for Man and Animals. Bacteria. Anaerobic Bacilli. F

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24099

death of the animals. Cases described in the literature of enterotoxemia in domestic animals and men conditioned by Cl. perfringens, are cited. -- V. V. Vlodavets

Card 2/2

62

ZELENKA, Oldrich; FOLICKY, Josef

Sand deposits in the overlying stratum of the lignite seam of the north Bohemian Tertiary in the Teplice v Cechach area. Cas min geol 9 no.4:413-420 '64.

1. Szruzeni Severoceskyh hnecouhelných dolů, Most, and Higher School of Mining, Ostrava. Submitted September 13, 1963.

YUGOSLAVIA/Diseases of Farm Animals. Discases Caused by
Bacteria and Fungi.

R-2

Abs Jour : Ref Zhur - Biol., No 4, 1958, 16916
Author : Brudnjak, Z.; Zelenka, T.; Sibalin, M.
Inst : -
Title : On Equine Leptospirosis.
Orig Pub : Veterin. arh., 1956, 26, No 5-6, 165-173.

Abstract : Sixteen cases of leptospirosis of horses were under obser-
vation. In 3 of them the causative agent, Leptospira
pomona, was isolated. The disease occurred in summertime
and was characterized by a high fever, depression, loss of
appetite, jaundice, and an acute hyperemia of the vessels
of the conjunctive and sclera. In some instances, a skin
rash and lesions of the eye were observed. The apparent
source of infection were pigs which used the same stagnant
water as horses. Meteorological conditions (rainy summer)
favored the development of the disease. The treatment

Card 1/2

- 7 -

YUGOSLAVIA/Diseases of Farm Animals - Diseases Caused by
Bacteria and Fungi!

R-2

Abs Jour : Rev Zhur - Biol., No 4, 1958, 16916

with penicillin (800 thous. to 1 million units daily
until the aggregate dose of 2,400 thous. to 4 million
units was reached) produced a good effect. -- F.L. Mayzil'

Card 2/2

Country	: GDR	H-26
Category	:	
Abs. Jour.	:	40355
Author	: Zelenka, S.	
Institut.	: Not given	
Title	: The Utilization of Potato Starch Factory Wastes	
Orig Pub.	: Staerke, 10, No 10, 254-262 (1958)	
Abstract	: The author has investigated the possibility of the utilization of potato starch plant wastes (gluten liquors and mash). The gluten liquors (GL) and the steep waters obtained in cornstarch production differ very little in chemical composition. A process has been developed for producing an active dry substance from the GL. Pure cultures of lactobacillus are added to undiluted, weakly acidified [sic] sulfuric acid and GL heated to 48-50°. After lactobacillus fermentation of the GL the latter cooked and dried, giving a powdered product containing 95% solids. The product obtained has been used under	

Card: 1/3

Abs. Jour. :

40355

Author :

Institut. :

Title :

Orig. Pub. :

Abstract : laboratory conditions as a growth stimulant for mold fungi in the production of medicinal preparations. Corn extract was used as a comparison standard with an activity arbitrarily set at 100%. Under optimum application conditions the product obtained from GL gave the following results in the applications listed: production of penicillin, 145%; streptomycin, 100%; chlorotetracyclin, 105%. The product obtained from GL can be used as a stimulant in a number of fermentation processes: e.g., the production of alcohol from molasses, the production of yeast cakes, the production of lactic and citric

Card: 2/3

H-124

CZECHOSLOVAKIA/Chemical Technology. Chemical
Products and Their Applications.
Food Industry. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21301

Author : Raspor, Vladimir; Zolenka, Stanislav

Inst : -

Title : The Problem of Evaluating Starch Glucoses
for the Candy Industry.

Orig Pub : Prumysl potravin, 1957, 8, No 12, 635-642

Abstract : A comparative analysis of starch glucoses
prepared by 4 different methods was conduc-
ted. The relation was studied between the
data of the analysis and the inversion capa-
city (IC), to expose the causes which in-
fluence the IC of glucoses, as well as to
develop a new and simpler method for its

Card : 1/2

ZELENKA, S.

Critical evaluation of current fermentation methods and the application of yeast in alcohol distilleries. p. 81

(Kvasny Prumysl. Vol. 3, no. 4, Apr. 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

CZECHOSLOVAKIA / Chemical Technology. Fermentation Industry. H-27

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79258.

Author : Beran, K., Burger, M., Zelenka, S.

Inst : Not given.

Title : New Data Obtained in the Process of Saccharification of Potato Mash with Amylolytic Preparations. Pilot Plant Experiments with Mold Preparations in Producing Alcohol From Potatoes.

Orig Pub: Ceskosl. Microbiol., 1956, 1, No 5, 193-203.

Abstract: Experiments were conducted concerning the saccharification of potato mash with *Aspergillus niger* and a mixture of it with *Aspergillus oryzae*, with the subsequent fermentation to alcohol. Fungi (preparations) were used in the experiments which [fungi] were grown on sterile siftings and were

Card 1/3

70

CZECHOSLOVAKIA / Chemical Technology. Fermentation H-27
Industry.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79258.

Abstract: air-dried. The saccharification of mash with an 8-day old brewing green malt was used as a control. An experimental set-up is described. One hundred forty kilograms of potatoes containing 20% starch was boiled to a pulp in an autoclave in the usual way and then was passed into a brewing tank into which amylolytic preparations in an amount of 17.6% per starch weight were added in three steps: (at the beginning, in the middle and at the end of the drawing off). The saccharification was carried out for one hour at 50-55°C. In certain instances the mash was acidified with sulfuric acid to a pH of 4.5. Saccharified mash was cooled to 22-25°C. and after 0.5 kilograms of pressed yeast had been added, the contents were subjected to fermentation

Card 2/3

CZECHOSLOVAKIA / Chemical Technology. Fermentation H-27
Industry.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79258.

Abstract: for 72 hours. In control experiments 15.9% of malt was added (per weight of the starch) and the saccharification was carried out for one hour at 49°C. The saccharification of potato mash with the mixture of *Asp. niger* and *Asp. oryzae* or with *Asp. niger* proceeded without any difficulties, and more rapidly than in the control experiments. The mash, in which the saccharification was caused by fungi preparations, produced a larger alcohol yield than those saccharified by malt. The quality of raw alcohol was the same. In the case when *Asp. oryzae* was used, galactose was formed during the process of fermentation.

Card 3/3

71

MICA, Bohumil, inz., So.C.; ZELENKA, Stanislav, prof., inz., dr.

Factors influencing the determination of nonstarch content in
potato tubers. Rostlin vyroba 9 no.2:135-142 F '63.

1. Vyzkumny ustav bramborarsky Ceskoslovenske akademie zemedelskych
ved, Havlickuv Brod (for Mica). 2. Vysoka skola chemicko-technologicka,
katedra technologie glycidu, Praha (for Zelenka).

~~ZELENKA~~, Stanislav, prof., inz., dr.

Further possibility of utilization of the potato-starch-plant waste water. Prum potravin 14 no.5:241 My '63.

1. Vysoka skola chemicko-technologicka, Praha.

CA 16

The use of growth substances in the manufacture of distilled beverages: S. Zelenka, *Zemědělský Arch.* 33, 450-44 (1942); *Biol. Abstracts* 21, 2237 (1947).—Stimulation of yeast by growth factors quantitatively and qualitatively affects the production of alcohol in distillation.
R. D. H.

ZELENIKA S.

CZECHOSLOVAKIA / Chemical Technology: Chemical Products and
Their Application - Fermentation industry

J-13

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 6156

Author : Zelenka Stanislav

Inst : Not given

Title : Critical Evaluation of the Conventional Procedures of
Yeast Utilization at Alcohol Plants

Orig Pub : Kvasny prumysl, 1957, 3, No 4, 81-84

Abstract : On the basis of experimental data relating to the use
of brewer's yeast, baking yeast, alcoholic mother-liquor
yeast as well as pure cultures of yeast, it is recom-
mended to make general use of pure cultures of alcohol
yeast in the production of alcohol.

Card 1/1

ZELENKA, S.

CZECHOSLOVAKIA / Farm Animals. General Problems.

Q-1

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54705.

Author : Beran K., Burger M., ~~Zelenka S.~~

Inst : Not given.

Title : New Findings in the Use of Fungous Amylolytic
Preparations for the Saccharification of Potato
Mashes.

Orig Pub: Folia biol. (Ceskosl.), 1957, 3, No 2, 89-100.

Abstract: No abstract.

Card 1/1

ZELENKA, Tibor

Sarmatian tuff horizons and facies of the "Szerencs Bay."
Foldt kozl 94 no.1:33-52 Ja-Mr '64.

ZELENKA, Tibor

Petrologic and geologic investigations in the southwestern part of the
Dunazug Mountain. Foldt kozl 90 no.1:83-102 Ja/Mr '60. (EEAI 9:8)
(Hungary--Geology) (Hungary--Petrology)

CZECHOSLOVAKIA/Human and Animal Physiology. Circulation

T-5

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65270

Author : Zelenka V. Hrabane J.

Inst : Universitas of Carolina

Title : The Blood Pressure and Blood Levels of -globulin in Rabbits Associated with the Injection of Renin into the Portal Circulation.

Orig Pub : Univ. carolina. Med., 1956, 2, No 3, 365-371

Abstract : The injection of renin into the hepatic portal system of rabbits through the mesenteric vein produced loss of a pressor effect and less of a reduction in the blood level of -globulins than its injection into the jugular vein. Injection of renin into the jugular vein following its injection into the portal system resulted in the phenomenon of tachyphylaxis, while its injection into the portal system after injection into the jugular vein exerted no additional effect upon blood pressure. The liver apparently participates in the enzymatic uncoupling of the hypertension being

Card : 1/1 formed, and also replenishes the blood levels of -globulin.--A.A. Titayev

TVAROH, F.; ZELENKA, V.

Steroid therapy. Cas. lek. cesk. 103 no.36:1004 4 S '64.

ZELENKA, V.;SCHLUPEK, A.

Effect of ACTH, cortisone acetate and single daily irradiation on latency period and growth of implanted Walker's tumor in rats during postnatal. Cesk. fysiол. 9 no.1:70-71 Ja 60.

1. Ustav pro patologickou fysiologii pediatri. fak. KU a Ustav pro patologickou anatomii fak. vseob. lek. KU, Praha.

(NEOPLASMS exper.)

(CORTICOTROPIN pharmacol.)

(CORTISONE pharmacol.)

(RADIATION EFFECTS)

TVAROH, F.; ZELENKA, V.

Effect of prosohormones on the contraction of isolated
frog muscle. Sborn. lek. 65 no.11:341-346 N'63.

1. IV. interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta prof. dr. M.Fucik); Oddeleni fyziolo-
gie Institutu telesne vychovy a sportu (vedouci dr. V.Seliger,
CSc.) a Endokrinologicke oddeleni Krajskeho ustavu narodniho
zdravi Stredoceskeho kraje v Praze (vedouci doc.dr. F.Tvaroh,
CSc.).

S

CZECHOSLOVAKIA / General Problems of Pathology. ... U
Allergy.

Abs Jour: Ref Zhur-Biol., No 11, 1958, 51502.

Author : ~~Zelanka, V.~~, Zitka, M., Jirasek, J.

Inst : Not given.

Title : The Effect of Cortisone and Sodium Salicylate on
the Course of Anaphylactic Shock in Guinea Pigs.
Investigation of Electrocardiographic Changes,
Potassium and Lactic Acid Content in the Myocar-
dium, of Quick's Test, Lipoids and Vitamin C in
Guinea Pigs.

Orig Pub: Casop. lekaru ceskych, 2957, 96, No 42, 1354-
1359.

Abstract: Following administration to guinea pigs of large
doses of cortisone (20-40 mg in the course of
5 days), the course of anaphylactic shock (AS)

Card 1/2

ZELENKA, V.;SCHLUPEK, A.

Effect of ACTH, cortisone acetate and single daily irradiation on latency period and growth of implanted Walker's tumor in rats during postnatal. Cesk. fysiол. 9 no.1:70-71 Ja 60.

1. Ustav pro patologickou fysiologii pediatri. fak. KU a Ustav pro patologickou anatomii fak. vseob. lek. KU, Praha.

(NEOPLASMS exper.)

(CORTICOTROPIN pharmacol.)

(CORTISONE pharmacol.)

(RADIATION EFFECTS)

ZELENKA, V., As., MUDr.; HRABANE, J., As., MUDr.

Serum proteins in renin tachyphylaxis in rabbits. Cas. lek.
cesk. 91 no.24-25:746-749 20 June 52.

1. Ustav pro patologickou fyziologii lek. fak. v Praze.
Prednosta: prof. dr. J. Hapner. IV. interni klinika lek. fak.
v Praze, Prednosta: prof. dr. E. Prusik.

(IMMUNITY,

renin tachyphylaxis in rabbits, blood proteins in)

(PROTEASES,

renin tachyphylaxis in rabbits, blood proteins in)

(BLOOD PROTEINS,

in renin tachyphylaxis in rabbits)

TACHEZY, R., Doc., Dr.: ZELENKA, V., As., Dr.

Effect of synthetic estrogens (agostilbene, phenocyclins) on the course of pregnancy and on pregnandiol level. Cas. lek. cesk. 91 no.24-25:735-739 20 June 52.

(PREGNANCY, complications,
ther., estrogens, eff. on pregnandiol level)
(ESTROGENS, therapeutic use,
pregn. compl., eff. of pregnandiol level)
(PREGNANDIOL, in urine,
eff. of estrogens)
(URINE,
pregnandiol, eff. of estrogens)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964230001-5

2 ELENNA, V.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964230001-5"

ZELENKA, V.

Experimental studies of the effect of renal extracts.
Cas. lek. cesk. 89 no.33:925-930 18 Aug. 1950. (CLML 20:1)

1. Of the Institute for Experimental Pathology of the Medical
Faculty of Charles University in Prague (Head--Prof. J. Hepner,
M. D.)

ZELENA, V.

ZELENKA, V.

Renal enzymes and essential hypertension. Cas.lek.cesk. 89 no.23:
667-671 9 June 50. (CLML 19:4)

1. Of the Institute for Pathological Physiology of the Medical
Faculty in Prague (Head--Prof. J.Hepner, M.D.)

ZELENKA, V.; RENNER, J.

Effect of renal enzymes on the smooth muscles of aging organs.
Biol.listy 31 no.3-4:273-276 Jan 51. (CML 20:5)

1. Of the Institute of Experimental Pathology of the Medical
Faculty (Head--Prof.Jos.Hepner,M.D.).

TVAROH, H.; ZELENKA, V.

Effect of ¹¹steroids on the work of isolated muscles. Sborn. lek. 65
no.2:45-52 F '63.

1. IV. interni klinika fakulty vseobecneho lekarstvi University Karlovy
v Praze, prednosta prof. dr. M. Fuzik Subkatedra fyziologie Institutu
telesne vyzhovy a sportu University Karlovy v Praze, vedouci dr.
V. Selinger, CSc.

(MYONEURAL JUNCTION)

(STEROIDS)

ZELENKA, V.; ZITKA; JIRASEK, J.

Effect of cortisone & sodium salicylate on the course of anaphylactic shock in guinea pigs; determination of electrographic changes, myocardial values of potassium and lactic acid, Quick's test, lipoids & vitamin C in adrenal glands. Cas. lek. cesk. 96 no.42:1354-1359
18 Oct 57.

1. Ustav pathologicke fysiologie lek. fak. KU, prednosta prof. Dr J. Hepner. III. interni klinika lek. fak. KU, prednosta akademik J. Charvat. Ustav pro embryologii lek. fak. KU, prednosta prof. Dr Z. Frankenberger. V. Z., Praha 2, Albertov 4.

(ALLERGY, exper.

eff. of cortisone & sodium salicylate in guinea pigs (Cz))

(CORTISONE, eff.

in exper. allergy in guinea pigs (Cz))

(SODIUM SALICYLATE, eff.

same)

CELESTAL, V.

"Use of spofakryl in the production of a cannula for gastric fistulas in dogs."
Chekhoslovatskaia Fiziologiya, Praha, Vol 2, No 2, 1953, p. 225

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

ZELEŇKA, V.

Electrocardiographic changes in renal ischemia. Cas.lek.cesk. 89
no.18:521-525 5 My '50. (CJML 19:3)

1. Of the Institute for Experimental Pathology of the Medical
Faculty of Charles University in Prague (Head -- Prof. J.Hepner,
M.D.).

ZELENA, /

FOREJT, Jidrich, RNDr; FOREJTOVA, Anna, MUDr; KROILKOVA, Milada, MUDr;
ZELENA, Vaclav, MUDr

Experimental observations on the development of intracardiac
manometer. Cas. lek. cesk. 93 no.31-32:845-847 6 Aug 54.

1. IV interni klinika detake fakultni nemocnice, prednosta prof.
Dr P.Blazek. Ustav pro pathologickou fysiologii lekarska fakulty
Karlovy University, prednosta prof. Dr.J.Henner.

(MANOMETER,
intracardiac)

(HEART,
manometer, intracardiac)

CA

11B

Pregnanediol determination and some values in pregnancy. F. Poláček and J. Zelenka. *Cil. Gynack.* 13, 430-40 (1918).—A modification of Huber's (C.A. 42, 3915i) chromatographic method for pregnanediol detn. is described. It consists in double extrn. and in purification of the product by acetone pptn., which results in nearly pure Na pregnanediol glucuronide. The modification is precise and quick (3 hrs. for 0.15 mg.). Comparison of this test with the Friedmann reaction showed the pregnanediol-excretion-test to be reliable as a pregnancy-test only in the later stages of pregnancy, as during the 1st and 2nd months values approximate those of the normal secretory phase of the menstrual cycle. Twenty-five detns. in 10 cases of normal pregnancy showed normal values, though cases receiving progesterone prophylactically showed increased values. Twenty-eight detns. in 23 cases of abnormal pregnancy showed: (1) normal values in ectopic pregnancy and hydatid mole (2 cases each); (2) frequently lowered values in cases of threatened abortion or premature birth; (3) much lower values in complete abortions and premature births; (4) in cases of intrauterine death, lowered values at the 2nd control examn. indicative of impending delivery; (5) lower values in pre-eclamptic toxemia. B.A.